



**USAID** | **ETHIOPIA**  
FROM THE AMERICAN PEOPLE

# HEALTH INFRASTRUCTURE PROGRAM

Annual Progress Report, Fiscal Year 2013



Kuni Health Center Site Layout, Amhara Region, Ethiopia

**This report was prepared for the United States Agency for International Development, Task Order RFTOP 663-10-00001, Ethiopia Health and Infrastructure Program.**

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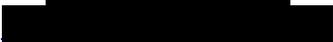
**PEPFAR Ethiopia In-Country Reporting System (IRS)**

***Tetra Tech Inc. – EHIP Program***

**PROGRESS REPORT FOR**

**FISCAL YEAR 2013  
(OCTOBER 1, 2012 TO SEPTEMBER 30, 2013)**

**CONTACT INFO FOR THIS REPORT:**

  
EHIP - CHIEF OF PARTY  
TETRATECH, INC  


## LIST OF ACRONYMS

A-E	Architecture and Engineering
CAOP	Community Awareness & Outreach Plan
Chemonics AHSE	Chemonics Assistance to Health Systems Expansion
CRMS	Construction Renovation & Management Services
FMoH	Federal Ministry of Health
FSA	Field Survey Assessment
FY	Fiscal Year
GoE	Government of Ethiopia
HAPN	Health, AIDS, Population and Nutrition
HC	Health Center
HIV/AIDS	Human immunodeficiency virus/auto-immune deficiency Syndrome
HPN	Health, Population and Nutrition
HSDP	Health Sector Development Program
IR	Intermediate result
Kebele	The local community or community elder group
M&E	Monitoring and evaluation
OHSS	Other Health Systems Strengthening
OVC	Orphans and vulnerable children
PEPFAR	President's Emergency Plan for AIDS Relief
PLWHA	People Living with HIV/AIDS
PSA	Preliminary Site Assessment
QA	Quality Assurance
RHB	Regional Health Bureau
RFI	Request for Information
RP	Existing Health Center Renovation Project
SA	Site Adapt (New Health Center Projects based on the Prototype)
SNNPR	Southern Nations, Nationalities and Peoples Region, Ethiopia
SO	Strategic Objective
TO	Task Order
Tt	Tetra Tech
USAID	United States Agency for International Development
VE	Value Engineering (Opportunity for cost reduction review)

## TABLE OF CONTENTS

1. Reporting period .....	6
2. Publications/reports.....	6
3. Technical assistance.....	7
4. Travel and Visits .....	7
5. Activity .....	7
6. Accomplishments and successes during the reporting period.....	8
7. Challenges and Constraints and plans to overcome them during the reporting period.....	8
8. Data Quality issues during the reporting period .....	10
9. Major Activities planned in the next reporting period.....	12
10. Environmental compliance .....	13
11. Financial accomplishment.....	13
12. Issues requiring the attention of USAID Management.....	13
13. Data Sharing with Host Government:.....	14
14. Appendices.....	14

## INTRODUCTION

This is the 3<sup>rd</sup> Annual Report (10th Quarterly Report) submitted under Task Order EDH-I-00-08-00027-00, TO AID-662-TO-11-0001; Ethiopia Health Infrastructure Program. The reporting period is for the USAID FY2013 that covers the period from October 1, 2012 through September 31, 2013. The report highlights staffing and resources, major achievements, work activities, reports and other items completed during the 4 Quarters of FY2013 and identifies the major activities planned for upcoming periods. This report also serves the purpose of the Q4/FY13 report.

### Executive Summary

The EHIP continued work towards the overall program objective of *sustainable health infrastructure* for the people of Ethiopia. The following milestones and successes were reached in FY2013:

During Q1-

- Construction was started at 4 additional new sites in SNNPR.
- Performed QA Assistance site visits at ongoing projects.
- Incorporated lessons learned from construction at the Jaradado site into upcoming new construction sites
- Continued detailed dialog with the FMoH and USAID concerning renovation projects scope of work and expected cost.
- Submitted 6 complete renovation project designs for review and procurement by USAID.
- Provided RFI response and shop-drawing QA review assistance to USAID.
- Continued engagement with Regional Authorities in an effort to resolve ongoing “Tier 4” project issues.

During Q2-

- Construction support in the form of RFI and Shop Drawing response was provided for 5 ongoing new Health Center sites in SNNPR.
- Performed QA Assistance site visits to USAID at 5 on-going new Health Center sites in SNNPR.
- Provided ten 100% Renovation Design Documents for procurement by USAID.
- Performed detailed site assessment of 8 new Health Center sites resolving “Tier 4” project issues.

During Q3-

- Construction support in the form of RFI and Shop Drawing response was provided for 5 ongoing new Health Center sites in SNNPR (Task Order 2 and 3).

- Performed QA Assistance site visits to USAID at 5 on-going new Health Center sites in SNNPR.
- Completed Site Adapt Construction Drawings for 6 “Tier 4” sites.
- Provided Site Investigation and Design Proposal Summary Report for 5 Renovation Sites in Addis Ababa Region.
- Provided Draft Design Documents for 5 Renovation Sites.
- Provided updated Health Center Construction and Renovation Technical Specifications.

During Q4-

- Began construction of 7 new Health Centers and 4 Health Center Renovations in Amhara Region.
- Provided Construction Administration support in the form of RFI and Submittal Review for 5 ongoing new Health Center sites in SNNPR plus start-up support for the 11 sites in Amahra Region.
- Provided Quality Assurance support to USAID for all on-going Health Center sites, 15 locations in total.
- Provided Bid support for Task Orders 4, 5 and 6; a total of 22 projects.
- Completed Final Design Drawings for 5 Renovation Sites (Group 3R Sites- Addis Ababa)
- Completed Site Investigations and Design Proposal Summary Reports for 6 Renovation Sites (Group 4R Sites-Addis Ababa)
- Provided updated Health Center Construction and Renovation Technical Specifications.

The focus of the 1st quarter of Fiscal Year 2014 will be on Quality Assurance assistance to USAID for new Prototype and Renovation construction and continued renovation project assessment and design.

### **Project Background**

The period of performance for this cost plus fixed fee - completion contract is five years from the notice to proceed date of December 6, 2010 when mobilization readiness and kick-off meeting activities began in the Tetra Tech US Offices. The project in-country team arrived in Addis Ababa in January 2011 to establish an EHIP project office in Bole Sub-city of Addis Ababa and conduct the necessary business registration processes.

The Ethiopian Health Infrastructure Program (“EHIP”) provides professional Architectural and Engineering (A-E IQC) infrastructure assessment, design and quality assurance/quality

control for vertical structures/civil engineering and related services to the USAID/Ethiopia Health Infrastructure Program. Tetra Tech (Tt) plays a key role in the EHIP through the assessment and A-E design services for up to 300 existing health center facilities and proposed GoE-standard Health Centers. The expected program scope currently includes approximately 35 proposed site adapt (SA) centers in the Amhara and SNNPR regions and approximately 50 renovation projects in Amhara, SNNPR and Oromia regions (the number of projects ultimately will depend on the actual construction cost). The work activities also include assisting USAID with implementation of a Quality Assurance (QA) program during the construction period.

The sites to be newly constructed, renovated or refurbished will be health facilities with high antiretroviral therapy (ART) patient loads and in areas of Ethiopia having high HIV prevalence which supports attaining the goals of the health system expansion program in Ethiopia that include increasing the number of GoE-standard Health Centers in Ethiopia from approximately 630 in 2007 to a total of 3,153. Achieving this goal will also assist in attaining the World Health Organization’s goal for universal primary health care coverage by providing one Health Center to every 25,000 people. The health system expansion program seeks to improve HIV/AIDS service and disease management services by increasing coverage at primary care service delivery facilities. These improved health facilities will support services to HIV/AIDS patients as well as add other clinical services that have been missing from the facilities, including appropriate provisions for Infectious Disease and Emergency Care.

Newly constructed facilities will be based on a “Prototype” Health Center design developed by Tetra Tech in consultation with USAID and the FMoH Engineering/Planning staff.

## 1. Reporting period

<b>From October 1, 2012</b>	<b>To September 30, 2013</b>
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## 2. Publications/reports

**Did your organization support the production of publications, reports, guidelines or assessments during the reporting period?**

No/Not Applicable   
 Yes  If yes, please list below:

Publications/Reports/Assessments/Curriculum

Title	Author	Date
Renovation Design Packages for Six(6) Sites: Arsi Negele, Batu, Durame, Waka, Gimbichu and Meki	Tetra Tech, Inc.	December 21, 2012
Site Adaption Assessment for Eight (8) New Sites: Debat, Finchawa, Girana, Haro, Kadida, Kulmesk, Lemi and Wechema	[REDACTED]	January, 2013
Amendment 4 Issue for bidding of Seven (7) New Sites: Agumamit, Maksegnt PV, Gulem Dejen, Gult PV, Kachana Gudie, Kuni PV and Lideta (TO4)	Tetra Tech	February, 2013
90% Design Development Plans for Four (4) Renovation Sites: Addis Kedam, Zegie, Mota and Adet (TO 5)	Tetra Tech, Inc.	February, 2013
100% Design Development Renovation Plans for Six Sites: Durame, Gimbichu, Waka, Batu, Arsi Negele and Meki (TO 8)	Tetra Tech	March, 2013
QA Reports for Ongoing Projects	Tetra Tech	Various
Site Adaption Design for Six (6) New Prototypical Sites:	TetraTech	June, 2013

Debat, Finchawa, Girana, Haro, Kulmesk and Lemi (TO 6&7)		
Final Design Drawings for 6 Sites Incl BOQ: Durame, Gimbichu, Waka, Batu, Arsi Negele & Meki (TO 8)	Tetra Tech	April 2013
Site Investigation & Design Proposal Summary Report Incl Cost Opinion for (5) Group 3R Sites: Bole 17, Lideta, Woreda 9, Woreda 24 & Kality	Tetra Tech	May 2013
Draft Design Drawings for (5) Group 3R: Bole 17, Lideta, Woreda 9, Woreda 24 & Kality	Tetra Tech	June 2013
Final Design Drawings for (5) Group 3R Sites: Bole 17, Lideta, Woreda 9, Woreda 24 & Kality	Tetra Tech	August 2013
Site Investigation & Design Proposal Summary Report incl Cost Opinion for (6) Group 4R Sites: Kebena, Shiromeda, Selam, Entoto No. 1, Alem Bank, and Addis Ketema	Tetra Tech	August 2013
Updated Health Center Construction and Renovation Technical Specifications	Tetra Tech	June, 2013
QA Reports for Ongoing Projects	Tetra Tech	Various

### 3. Technical assistance

Did your organization utilize short-term technical assistance during the reporting period?

No/Not Applicable

Yes

Please list below:

Consultants/TDYers

Name	Arrival	Departure	Organization	Type of technical assistance provided
None				

### 4. Travel and Visits

Did your organization support international travel during the reporting period?

No/Not Applicable

Yes

Please list below:

International Travel (All international travel to conference, workshops, trainings, HQ or meetings).

Name	Destination	Departure/Ethiopia	Arrival	Host Organization	Purpose of the travel
	US-Ethiopia	Oct. 23, 2012	Nov. 1, 2012	USAID	Management Oversight and Planning Visit
	US-Ethiopia	April 10, 2013	April 11, 2013	USAID	Management Oversight and Planning Visit

Have any Monitoring Visit/supervision been made to your program in during the reporting period?

Description of Monitoring team	Start date	End date	Sites visited	Written recommendations provided
Home Office Management	10/1/2012	9/30/2013	EHIP Addis Ababa Office through tel-conferencing	Bi-weekly conference calls provide QA/QC and added resources required to support in-country team on production of work activities, deliverables and project financials.

### 5. Activity

Program Area (Tick all which apply)	Activity ID	Activity Title ( Please write the title of the activity)
<input type="checkbox"/> 01-PMTCT		

<input type="checkbox"/>	02-HVAB		
<input type="checkbox"/>	03-HVOP		
<input type="checkbox"/>	04-HMBL		
<input type="checkbox"/>	05-HMIN		
<input type="checkbox"/>	07-CIRC		
<input type="checkbox"/>	08-HBHC		
<input type="checkbox"/>	09-HTXS		
<input type="checkbox"/>	10-HVTB		
<input type="checkbox"/>	11-HKID		
<input type="checkbox"/>	12-HVCT		
<input type="checkbox"/>	13-PDTX		
<input type="checkbox"/>	14-PDCS		
<input type="checkbox"/>	15-HTXD		
<input type="checkbox"/>	16-HLAB		
<input type="checkbox"/>	17-HVSI		
<input checked="" type="checkbox"/>	18-OHSS	EDH-I-00-08-00027-00, TO AID-662-TO-11- 0001	Ethiopia Health Infrastructure Program (EHIP)

## 6. Accomplishments and successes during the reporting period

### 6.1 Current Context

#### a. Site Adapted Prototypical Health Centers

At the outset of the program, the Ethiopian Federal Ministry of Health (FMoH) furnished USAID with a list of 92 proposed SA Health Center sites and Tetra Tech proceeded with site pre-assessments of these 92 sites during FY 2011. Sites were located throughout rural areas of Ethiopia including Oromia, Amhara and SNNPR regions.

Tt categorized the original 92 sites into 4 “Tiers” for advancement to the site adaptation phase based on information gathered during the pre-assessment phase. Direction from USAID ultimately deleted the 44 Oromia Region sites resulting in a new total of 48 proposed SA health center sites. Twenty two (22) of these sites were listed as “Tier 4” - sites needing resolution of significant project viability issues by FMoH. By Q2/FY13, Tetra Tech has coordinated substitution of eight (8) Tier 4 sites with viable sites and detailed topographic and geotechnical work was completed at these 8 sites (4 in SNNPR and 4 in Amhara). Site Adapt Design work for six (6) of these sites was completed during Q3/FY13 and design for the remaining two will be completed in Q1/FY14.

No additional viable Tier 4 sites have been provided by the FMOH by the end of FY13 and no additional effort is underway by USAID by the end of the year to facilitate identification of additional sites because of construction budget constraints. The overall project scope is currently under review by USAID to reconcile the initially stated project numbers with the realities of actual construction cost.

As of Q4/FY13, construction has started at 5 SA projects in SNNPR and 7 sites in Amhara Region. Latest indication from USAID is that, based on budgetary constraints, the EHIP 5-year program will produce a total of approximately 28 new SA Health Center projects. The Current SA working list is provided in the Appendix of this report.

*Accomplishments during the 4th Quarter, FY 2013 include:*

- *Prototypical HC design Amendments 4 & 5 simplifying construction details.*
- *Value Engineering review of the Prototypical HC Design reducing average project cost by approximately 5%.*
- *Procurement Assistance in the form of BoQ’s for preparation IGE’s.*

## b. Existing Health Center Renovation Projects

Latest indication from USAID is that the EHIP 5-year program will produce a total of approximately 50 Health Center Renovation projects. The original EHIP scope did not include a list of suggested renovation projects. The FMOH through its regional offices nominated 105 potential projects in five regions during the Q4/FY11 and Q1/FY12. In Q1/FY13, a revised list of 59 potential projects was provided by USAID in conjunction with the FMOH. This current working list of 59 potential renovation sites is provided in the Appendix to this report.

It began a preliminary assessment program including twenty-five (25) sites in Q1/FY12. Draft Design Documents for eleven (11) of these sites were submitted to USAID by Q4/FY12. Draft Design Documents for another six (6) of these sites were submitted in Q1/FY13. Final Design Documents for four (4) sites in the Amhara Region, Task Order 5, were submitted to USAID by Q2/FY13, and began construction in Q4/FY13. Final Design Documents for six (6) sites in the SNNPR/Oromia Regions, Task Order 8, were submitted to USAID by Q3/FY13, and are currently being bid. The next two groups of Renovation Sites comprise eleven (11) sites in Addis Ababa. Site Investigation/Design Proposal Summary Reports and Draft Design Documents for the first five (5) sites (Group 3R) were submitted by Q3/FY13. During Q4/FY13, Final Design Documents for these five (5) Group 3R sites, and Site Investigation/ Design Proposal Summary Reports for the other six (6) sites (Group 4R) were submitted to USAID. Draft Design Documents for Group 4R Sites were submitted just after the close of Q4/FY13.

During Q3 & Q4/FY13, the design team has also focused on streamlining documentation for each individual project by developing a Standard Detail Book to be referenced for all Renovation Projects. The Standard Detail Book will simplify the scope of the design package tailored for each project and decrease the overall time required for design document production for future Renovation Projects. Assessment and design of additional projects from the current working list of potential sites will be undertaken through early FY15, at the rate of approximately six (6) sites per quarter. Site Investigations for the next group of six (6) sites, Group 5R, are scheduled to begin in late October 2013.

*Accomplishments during the 4th Quarter, FY 2013 include:*

- *RFI and Submittal review and Construction Administration support for five SA HC sites in SNNPR, 7 SA sites in Amhara and 4 Renovation Sites in Amhara.*
- *QA review visits to all ongoing SA and Renovation projects in SNNPR and Amhara Regions (15 sites).*
- *Final Design Documents for 5 Renovation Projects in Addis Ababa. Site Investigations and Summary Reports including Cost Opinions for 6 Renovation Projects in Addis Ababa.*
- *Reduced the estimated design cycle by approximately two weeks per 6 sites (15% reduction in design time)*

## **6.2 Support of the procurement process.**

Tetra Tech continues to provide technical assistance to USAID during the tendering process in the form of detailed BoQ's, drawing documentation, bid Addendum and response to RFIs. Lessons learned during the course of construction have been incorporated into new project bid documents in the form of "Amendment" drawings and updated BoQs.

## **6.3 Continued Assessment of Tier 4 Site Adapt Projects**

No additional effort will be extended towards identifying additional Tier 4 sites in the foreseeable future – design has now been completed for a total 33 sites while only 28 are currently expected to

proceed to construction.

#### **6.4 Quality Control/Quality Assurance Program Assistance**

During FY13 Tetra Tech continued with QA assistance to USAID with site visits review of shop drawings, material cut sheets and response to RFI's during the construction period.\*

\*It is important to note that there is no contractual relationship between Tetra Tech and the EHIP/CRMS contractor and Tt will report all QA-related observations to the COR for appropriate action.

## **7. Challenges and Constraints and plans to overcome them during the reporting period**

### **1.0 Construction Plans Quality Assurance:**

The CRMS Construction Management process includes submittal of RFIs to USAID concerning inconsistencies in the plans and specifications and general construction issues. Tetra Tech's goal is to assist USAID in response to the RFIs within 5 work days of receipt. As of Q4/FY13, RFIs have been addressed for the 16 sites under construction in SNNPR and Amhara and, where appropriate, questions concerning the plans and specification have been addressed in updated construction drawings labeled as "Amendment" drawings for use in upcoming Task Orders. *The goal is to incorporate RFI response in the plans and specifications ahead of the contracting process thereby reducing the number of future RFI's and continuously refine the design.*

### **2.0 Renovation Program:**

Challenges and complications inherent in Renovation Design work have at times impacted the renovation design document production schedule. These challenges as well as the steps Tt has taken to mitigate them are identified below:

- a. The layout of every existing HC is unique yet subject to similar facility and functional issues. A detailed staff interview and facility survey process is necessary and detailed existing conditions plans must be prepared for each site. Based on the existing conditions, a unique renovation program with construction drawings is prepared to result in real and tangible improvements at every site. The survey, planning and design process is time consuming yet necessary to provide the level of detail needed for contracting and construction documents. *Tt continues to standardize as many stages of the work as possible through preparation of check lists, standard AutoCAD drawings, standard specifications, standard BoQ formats. Tt's LN staff continues to improve efficiency with each project cycle through Expat planning and design mentoring. Tt has strived to balance the size and cost of Addis Ababa design staff with the expected timing of construction.*
- b. Aging municipal utility infrastructure serving existing Health Centers. Municipal water supply infrastructure serving many health centers is aging or inadequate. Most, if not all, health center renovation sites in Addis Ababa are served by "old" type, lower pressure water supply lines, and experience severe water supply shortages. Ensuring adequate water supply to existing health centers, and possible connection to "new" type, higher pressure water supply lines requires coordination with municipal utility entities, which are often unresponsive. This activity increases time needed for scope definition and design coordination. *Tt is pursuing communication with local utility authorities to ensure that health center renovation sites gain access to adequate utilities to the extent practical.*
- c. Aging on-site utility systems at existing Health Centers. Many existing health centers have failing water, wastewater, stormwater, power, and solid waste management systems on site. Adequate on-site utility systems are critical to ensuring full functionality of the Health Centers. However,

extensive site work proposed to address these issues increases the scope of work significantly. *It is incorporating upgrades to on-site utility systems as appropriate in the design scope, including replacement, improvement, or provision of new of on-site water storage and distribution, wastewater, stormwater, power intake and distribution, and solid waste management systems.. It is incorporating standard site details to the extent possible via the Standard Detail Book to minimize design document production time for these elements.*

- c. Increased volume of patients at urban Health Center sites. The level of effort required for renovation at Addis Ababa sites is proving to be higher than that for rural health centers. The number of patients served in the Addis health centers are double, triple, or more the number served at some of the rural health centers. All renovation sites located in Addis Ababa are operating severely beyond capacity in terms of existing space, and adequacy of electrical, water and sanitary systems. Therefore, urban health center renovation projects will require increased scope of work and a higher budget than rural health centers. New blocks at Renovation Sites are not approved under the EHIP Program. *It will balance this increased scope required at urban health center sites with a more simplified approach to future renovation sites in rural areas. Design scope will focus on providing minimum functional areas such as Delivery, Minor Operations, Emergency, and Laboratory spaces, and assumes additional space will be provided in the future by others.*
- d. Verification that identified existing Health Center sites are suitable for the EHIP Program. Site investigations and discussion with the Addis Ababa Health Bureau (AAHB) have revealed that several identified sites are unsuitable for renovation under the EHIP Program. *It will pursue confirmation of viability of the future Renovation Sites prior to site investigations to the extent practical, in order to maximize the short time period allocated for development of design documentation.*
- e. Coordination with work by others at existing Health Centers. Several Addis Ababa Renovation Sites, will be affected by adjacent road widening planned for the near future. This requires additional time for coordination with the Addis Ababa Roads Authority as well as local utility entities. New construction by others to provide additional space is currently underway at two other Addis sites, and several sites are undergoing less substantial upgrades involving paving and solid waste management structures. *It is working to coordinate proposed scope of work with construction activities by others at existing health centers.*
- g. Many facilities are found to have structurally unsound buildings. *Structurally unsound buildings will not be considered for renovation.*
- h. The nature of a renovation is that each existing facility is unique. While Tetra Tech has used standard designs and details to the maximum extent practical, many elements of the renovation work requires unique, individual design which greatly impacts the time required for design of each renovation project. *It is working to standardize as many of the drawing details as practical but will continue our effort to provide comprehensive and clear construction documents for each site. The goal is to substantially complete 6 new renovation project designs per Quarter.*
- i. Site Accessibility and construction logistics are a major viability issue for renovation projects. As many as 20% of the potential sites visited to date in the program present logistics issues which ultimately will translate to much higher than planned construction cost. *Tetra Tech has been working closely with USAID to assess whether certain projects are too remote for cost effective construction and has contributed to refining the master list of planned projects in coordination with the FMoH and USAID.*

## **2.0 Water and Electric Supply:**

- a. At the outset of the EHIP program it was expected that the local Kebele would insure that water and electricity is available at the various sites. As the assessment and design work continues, it has become apparent that many of the target projects will not be provided with these essential utilities (about 90% of the proposed SA projects and 50% of the Renovation projects are deficient in either water, electricity or both). *It will provide all requested support in regards to this issue to USAID.*

## 8. Data Quality issues during the reporting period

Programmatic and M&E issues are not apparent in the EHIP program. HIV/AIDS targets are set through the selection of sites being designed and constructed, renovated or refurbished. They will be health facilities with high antiretroviral therapy (ART) patient loads and in areas of Ethiopia having high HIV prevalence which supports attaining the goals of the health system expansion program in Ethiopia. Each Health Center is chosen to provide health facility coverage for primary health care to service delivery to health centers serving populations of 25,000. The health system expansion program also seeks to improve HIV/AIDS service and disease management services by increasing coverage at primary care service delivery facilities. These improved health facilities will support these services as well as adding other clinical services that have been missing from the facilities such as emergency care and improved clinical, laboratory and inpatient and outpatient services.

Specific performance indicators disaggregate the following three primary indicators.

- *Appropriate Site Adaptations for the construction of the new health centers*
- *Site specific full design document for each existing health center to be renovated*
- *Compliance of construction and renovation of health centers to the design and specification*

All performance indicators agreed upon and contained in the EHIP Performance Monitoring Plan are monitored on a continuing basis.

What you are doing on a routine basis to ensure that your data is high quality for each program area

The Tetra Tech EHIP is an engineering and architecture consulting and design program. Indicators are very evident and in the form of plan deliverables and as such the presented data has a high degree of certainty.

How you planned to address those concerns / improve the quality of your data for each program area

It will continue using M&E tools and collaborative approach with the USAID Mission.

## 9. Major Activities planned in the next reporting period

### **Project Activities for 1st Quarter 2014:**

- a. Completion of Final Design Documents for 6 current Renovation projects (Group 4R) in the Addis Ababa Area of Oromia Region
  - Produce Draft Design Documents for Approval by USAID and the FMOH. (Submitted October 4, 2013)
  - Produce Final Design Documents for Approval by USAID and the FMOH.
  - Produce Cost Opinion based on Final Design Documents.
- b. Preparation of Draft Design Documents for 6 additional Renovation projects (Group 5R) in the Amhara Region
  - Detailed assessment and physical data gathering at each target site.
  - Summary Report including proposed Scope of Work and Cost Opinion.
  - Produce Draft Design Documents for Approval by USAID and the FMOH.
  - Continue with production of Final Design Documents for construction procurement.

- c. Continue providing support to the USAID/CRMS Contractor during the bidding and mobilization stages of Site Adapt and Renovation projects.
- d. Continue with at minimum biweekly QA site visits to all projects under construction.
- e. Continue with Construction Administration support services in the form of RFI and Submittal review.

## 10. Environmental compliance

Moderate environmental factors such as drainage, erosion control and waste management concerns have surfaced during site investigations and Tt has taken these factors into account in development of construction documents. Each of these issues are being addressed in accordance with the approved ERR. It is incumbent upon the Construction Contractor, however to implement the mitigation measures as designed. Review of the Construction Contractor’s environmental mitigation and monitoring practices will be performed during QA spot checks performed by Tt.

Tetra Tech has developed an environmental review format tailored to EHIP, including a sample Environmental Mitigation and Monitoring Plan (EMMP), based on the USAID Africa Bureau’s Environmental Review Form and in collaboration with the Mission Environmental Officer.

## 11. Financial accomplishment

Life of Project budget  (a)	Obligated to date  (b)	Expenditure (Accrual and actual disbursement) to date (09/27/2013)  (c)	Remaining balance  (d) = (b) – (c)	Remarks
5 Years ██████ USD <i>12/6/2010 -12/5/2015</i>	██████ USD	██████ USD	██████ USD	Detailed budget review was completed Q4 and forwarded to the Co/COR.

## 12. Issues requiring the attention of USAID Management

- Modification of the Contract scope to reflect the number of projects the construction budget will support.
- Modification of the Contract scope to remove de-emphasized program items.

### 13. Data Sharing with Host Government:

Have you shared this report with the host government?

Yes   
No

If yes, to which governmental office/s?

None – see below

If No, why not?

It is under contract with USAID for the EHIP program and therefore will not distribute this report until we have concurrence from USAID on the content contain herein and concurrence to distribute to the appropriate agencies one of which is certainly the Ethiopian Federal Ministry of Health.

### 14. Appendices

The following drawings, reports and recommendation documents were submitted to USAID during the 4th Quarter FY13.

Title	Author	Date
Final Design Drawings for (5) Group 3R Sites: Bole 17, Lideta, Woreda 9, Woreda 24 & Kality*	Tetra Tech	August 2013
Site Investigation/Design Proposal Summary Reports for (6) Group 4R Sites incl Cost Opinion: Kebena, Shiromeda, Selam, Entoto No. 1, Alem Bank, and Addis Ketema*	Tetra Tech	August 2013
QA Reports for Ongoing Projects*	Tetra Tech	Various
Working List of 31 New Construction Sites	Tetra Tech	March 31, 2013
Working List of 59 Renovation Sites	Tetra Tech	September 30, 2013

\*On File at Tetra Tech Offices

# **Working list of Projects**

## Tetra Tech/EHIP Addis Ababa

### New Construction Program

Deliverables Tracking

Updated: 25-Sep-13

9-11 Month = access by LC except during rainy season

Walk In = access not reasonable by LC at any time.

ok = acceptable access by LC all year

None = New Location with no existing facility

EHPost = Replacing Existing Health Post

EHCenter = Replacing Existing Health Center

Group	Site No.	Location				Access	H2O	Elect	Existing Facilities	Addenda/Mods
		Project Name	Region	Zone	Woreda					
		Prototype					na			
1	TO2	001 Jaradado	SNNPR	Sidama	Awasa Zuriya	Ok	Pipe	EEPCo	None	
2	TO3	015 Sibiyia	SNNPR	Hadiya	Mirab Badewacho	Ok	Well, R1	EEPCo	None	
3		002 Wacho	SNNPR	Gurage	Sodo	Ok	Well, R3	EEPCo	None	
4		014 Mehal Jarso	SNNPR	Hadiya	Misrak Badewacho	Ok	Well, R1	EEPCo	EHPost	
5		008 Udasa - New Location	SNNPR	Silte	Silte	Ok	Well, R3	EEPCo	None	
6	TO4	064 Kuni	Amhara	West Gojam	Jabi Tihhana	Ok	Well, R1	PV	EHPost	
7		065 Agumamit	Amhara	West Gojam	Jabi Tihhana	9 Month	Well, R1	EEPCo	EHPost	
8		068 Gulem Dejen	Amhara	West Gojam	Burie	Ok	Well, R1	EEPCo	EHPost	
9		076 Ledeta	Amhara	Awi	Banja Shikudad	Ok	Well, R1	EEPCo	EHPost	
10		078 Kachana Gudie	Amhara	Awi	Dangla	9 Month	Well, R3	EEPCo	None	
11		082 Maksegt	Amhara	South Gonder	West Estie	Ok	Pipe	PV	None	
12		083 Gult	Amhara	South Gonder	West Estie	Ok	Well, R1	PV	None	
13	TO 6	077 Addis Bet - Christian	Amhara	South gonder	Fogra	9 Month	Well, R1	PV	EHPost	
14		081 Welela Baher	Amhara	South Gonder	lay gaint	Ok	Pipe	EEPCo	EHPost	
15		222 Dabat	Amhara	North Gondar	Dabat	Ok	Pipe	EEPCo	EHCenter	
16		060 Gelsha	Amhara	South Wollo	Dese Zuria	Ok	Well, R1	EEPCo	EHCenter	
17		226 Girana	Amhara	North Wollo	Habru	11 Months	Pipe	EEPCo	EHCenter	
18		227 Kulmesk	Amhara	North Wollo	Lasta	Ok	Pipe	EEPCo	EHCenter	
19		225 Lemi	Amhara	North Shoa	Ensaro	Ok	Pipe	EEPCo	EHCenter	
20	TO 7	007R Finchawa	SNNPR	Awassa Ketema	Tula Kefeletekema	Ok	Pipe	EEPCo	None	
21		009R Haro	SNNPR	Gedeo	Yirga Chefe	Ok	Pipe	EEPCo	EHPost	
22		013 Gerbicho	SNNPR	Sidama	Aleta Wondo	9 Months	Well, R3	PV	EHPost	
23	tbd	074 Beta	Amhara	South Wollo	Debre Sina	9 Months	Well, R3	PV	EHPost	
24		087 Zerit	Amhara	North Shewa	Menze Keya	9 Months	Well, R2	PV	EHPost	
25		092 Angot	Amhara	North Wollo	Dlanta	Ok	Pipe	PV	None	
26	tbd	003R Wechema	SNNPR	Gedeo	Dila Zuriya	9 Months	Pipe	PV	None	
27	tbd	010R Kedida Giwe	SNNPR	Gedeo	Yirga Chefe	Ok	Well, R2	PV	None	
28	tbd	004 Wodito	SNNPR	Girage	Chena	9 Months	Well, R1	PV	None	

#### Major Revisions:

7/1/13 The working list of New Construction projects updated based on review by Roger and Maleku - see Email dated 1 July 13 in correspondance file "Task Order Organization".

1

7/10/13

2

Four Sites Dropped from Well/Electric Program as per negotiations with Terri in Contracts (Drop Koseru, Galemot, Guchemame & Tardiat).

8/29/13

3

Thee additional sites dropped (Layimatheisla, Adnuro and TBD) as trade-off for addition of the Blood Bank as per Roger on 26 Aug., 13 (Total seven sites dropped).

# Tetra Tech/EHIP Addis Ababa

## Renovation Program

### Deliverables Tracking

Updated:

30-Sep-13

Group	Site No.	Location				USAID	
		Project Name	Region	Zone	Woreda	Draft	Final
						Submittal	Submittal
TO 5	219	Addis Kedam	Amhara	Awi	Addis Kedam	Q3/FY12	22-Feb-13
	216	Adet	Amhara	West Gojam	Yelmana Densa	Q3/FY12	22-Feb-13
	217	Mota	Amhara	East Gojam	Mota	Q3/FY12	22-Feb-13
	232	Zegie	Amhara	Bahr Dar Town	Bahr Dar	Q3/FY12	22-Feb-13
TO 8	202	Durame	SNNPR	Kembata Timbaro	Durame City Admin.	14-Dec-12	5-Apr-13
	208	Gimbichu	SNNPR	Hadiya	Soro	14-Dec-12	5-Apr-13
	213	Waka	SNNPR	Dawro	Mareka	14-Dec-12	5-Apr-13
	251	Batu 1	Oromia	E/Shoa	Batu Town	14-Dec-12	5-Apr-13
	277	Arsi Negele	Oromia	West Arsi	Arsi Negelle	14-Dec-12	5-Apr-13
	290	Meki	Oromia	E/Shoa	Dugda	14-Dec-12	5-Apr-13
3R	264	Bole 17	Addis Ababa	Bole	02	28-Jun-13	30-Aug-13
	268	Lideta	Addis Ababa	Lideta	10	28-Jun-13	30-Aug-13
	269	Woreda 9	Addis Ababa	Nifas-silk Lafto	09	28-Jun-13	30-Aug-13
	272	Woreda 24	Addis Ababa	Kolfe Keranyo	09	28-Jun-13	30-Aug-13
	275	Kality	Addis Ababa	Akaki Kaliity	07	28-Jun-13	30-Aug-13
4R	265	Kebena	Addis Ababa	Arada	07	4-Oct-13	18-Oct-13
	266	Shiromeda	Addis Ababa	Gulele	03	4-Oct-13	18-Oct-13
	267	Selam	Addis Ababa	Gulele	09	4-Oct-13	18-Oct-13
	270	Entoto No.1	Addis Ababa	Yeka	03	4-Oct-13	18-Oct-13
	273	Addis Ketema	Addis Ababa	Addis Ketema	04	4-Oct-13	18-Oct-13
	271	Alem Bank	Addis Ababa	Kolfe Keranyo	04	4-Oct-13	18-Oct-13
5R	223	Arbaya	Amhara	North Gondar	West Belesa	TBD	January-14
	224	Enewari	Amhara	North Shoa	Moretna Jiru	TBD	January-14
	228	Kombolcha (02 Shewaber	Amhara	South Wollo	Kombolcha	TBD	January-14
	230	Amdework	Amhara	Wag-himra	Sekota	TBD	January-14
	231	Kemissie	Amhara	Oromia	Kemissie	TBD	January-14
	252	Gundo Meskel	Oromia	N/Shoa	Dera	TBD	January-14
6R	212	Shere	SNNPR	Gurage	Cheha	TBD	April-14
	254	Ijaji	Oromia	W/Shoa	Ilu	TBD	April-14
	255	Ginchi	Oromia	W/Shoa	Dendi	TBD	April-14
	256	Woliso	Oromia	S/W/Shoa	Woliso	TBD	April-14
	295	Tulu Bolo	Oromia	S/W/Shoa	Becho	TBD	April-14
	296	Teji	Oromia	S/W/Shoa	Ilu	TBD	April-14
7R	203	Yirga Chefe	SNNPR	Gedeo	Yirga Chefe	TBD	July-14
	205	Yirga Alem	SNNPR	Sidama	Dale	TBD	July-14
	214	Soyama	SNNPR	Segen Area	Burji	TBD	July-14
	243	Bore	Oromia	Guji	Bore	TBD	July-14
	283	O/Shakiso	Oromia	Guji	O/Shakiso	TBD	July-14
	284	Kercha	Oromia	Guji	Kercha	TBD	July-14
8R	244	Bedeno	Oromia	E/Hererge	Bedeno	TBD	October-14
	245	Burka	Oromia	E/Hererge	Gola Oda	TBD	October-14
	246	Asebot	Oromia	W/Hererge	Mieso	TBD	October-14
	247	Micheta	Oromia	W/Hererge	D/Lebu	TBD	October-14
	285	Chelenko	Oromia	E/Hererge	Meta	TBD	October-14
	286	Boke	Oromia	W/Hererge	Boke	TBD	October-14
9R	262	Awash Melka	Oromia	OSZSF	Sebeta Awas	TBD	January-15
	291	Dire	Oromia	E/Shoa	Ada'a	TBD	January-15
	294	Inchini	Oromia	W/Shoa	Adea Berga	TBD	January-15
	304	Chancho	Oromia	OSZSF	Sululta	TBD	January-15
	305	Gelan	Oromia	OSZSF	Gelan	TBD	January-15

## Tetra Tech/EHIP Addis Ababa

### Renovation Program

#### Deliverables Tracking

Updated:

30-Sep-13

Group	Site No.	Location				USAID	
		Project Name	Region	Zone	Woreda	Draft	Final
						Submittal	Submittal
51	209	Millenium	SNNPR	Debub Omo	Jinka Town Admin.	Remote	
52	210	Shele	SNNPR	Gamogofa	Arbaminch Zuria	Remote	
53	233	Humera	Tigray	Western	Kafta Humera	Remote	
54	234	Endesillassie	Tigray	South West	Shire Endesellasio	Remote	
55	235	Inticho	Tigray	Central	Aheforem	Remote	
56	236	Mehoni	Tigray	South	Endamehoni	Remote	
57	237	Mekelle	Tigray	Mekelle	Mekelle	Remote	
58	274	Woreda 7	Addis Ababa	Addis Ketema	09	May be substituted in	
59	<del>263</del>	<del>Kirkos</del>	<del>Addis Ababa</del>	<del>Kirkos</del>	<del>11</del>	Being upgraded to Hospital	

#### Major Revisions:

- 1 4-Dec-12 Current Renovation Program is based on 4 December, 2012 meeting with FMOH.
- 2 4-Dec-12 Culled Projects based on meeting w Engineer Mekonnen in November 2012.
- 3 1-Jul-13 The working list of Renovation projects updated based on review by Roger and Melaku - see Email dated 1 July 13 in correspondance file "Task Order Organization".

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